USER GUIDE

SYDNEY ESSENTIAL OIL CO.
PROPERTIES, BENEFITS, FORMULATION GUIDE
VALID FROM 2 NOVEMBER 2009
EDITION II

sydney essential oil co.

INGREDIENTS FOR NATURAL COSMETIC MANUFACTURE AND NATURAL THERAPY CLINICS
USER GUIDE – VALID FROM 2 NOVEMBER 2009
User Guide information is a general guide to assist with the use of ingredients supplied by Sydney Essential Oil Co. Whilst all care has been taken to provide accurate information, Sydney Essential Oil Co. accepts no responsibility concerning any product manufactured using this information.
The responsibility for formulations, product performance, stability testing, challenge testing, marketing claims and all other product liability lies with the manufacturer.

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It's what's inside that counts

Inside every bottle you will find products we are proud of. Every item in our range meets our rigorous selection criteria and quality control standards. Our quality ethics ensure that you can be confident when incorporating Sydney Essential Oil Co. ingredients into your products.

Inside this user guide you will find information describing the properties of ingredients featured in our range of carrier oils and raw materials, plus an ingredient list for each of our base products. Along with this, you will find a formulation guide that can assist you in choosing ingredients for a variety of cosmetic applications according to skin type. As cosmetic manufacturing is complex, this User Guide has been compiled as a quick reference source. It should not replace your responsibility to undertake additional research on the ingredients you select for your products.

As fancy catalogues are now a thing of the past at Sydney Essential Oil Co., you will only be able to obtain the User Guide information in digital PDF format, it is not available in print format. This is just another step our company has taken to lower our environmental impact and contribute to saving valuable global resources.

Inside our company you will find a highly committed team of industry professionals with a genuine passion for our industry. If we can be of further assistance regarding any of the products we offer, please don't hesitate to contact us. We welcome the opportunity to develop and grow our business partnership with you.

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FORMULATION GUIDE

Our Formulation Guide information can be used to identify typical uses for each ingredient. Product formulating, whilst based on science, is also highly creative. Therefore, please use this information as an indicative guide only; it should not limit your R&D with new ingredients or new formulations.

B bath oils
BA balms (no water content)
BG bath gel, shower gel, bubble bath
BM body masks, mud wraps
BP body powders, talc
BS bath salts, salt scrubs
C creams, lotions, body butters
CL cleansers (gel & creams)
E eye products (gels & creams)
F feet products (creams, scrubs)
FM face masks (clay or cream based)
G general purpose, suits most cosmetic applications
H hair products (shampoo & conditioners)
M massage products (oils & balms)
N nail care products
O other cosmetic applications such as lipsticks, rouge
S soap (bar & liquid)
SH shave products
SU suncare products
T toners

COMPLIANCE CONSIDERATIONS

If you are manufacturing or intending to manufacture and market cosmetic-type products in Australia we recommend that you familiarise yourself with Australian Government regulations that are applicable in this country.

Following is a summary of information published on the internet. For further professional assistance we recommend contacting a Regulatory Consultant in your area.

(1) PERMISSIBLE INGREDIENTS. There are mandatory requirements for permissible ingredients in products marketed as 'cosmetics'. National Industrial Chemicals Notification and Assessment Scheme (NICNAS) provide information on all relevant regulations. Visit www.nicnas.gov.au to download the NICNAS COSMETICS GUIDELINES 2007. (Latest version 17 September 2007, Modified 2 December 2008*).
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2) LABELLING REQUIREMENTS.
There are mandatory labelling requirements for the labelling of cosmetic products manufactured in, or imported into, Australia. All suppliers – including manufacturers, importers, distributors and retailers – must comply with the mandatory information standard, which is enforced by the ACCC. Visit www.accc.gov.au to download the mandatory information standard for COSMETICS & TOILETRIES INGREDIENT LABELLING.
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(3) COSMETIC OR THERAPEUTIC.
There are mandatory regulations relating to marketing products as either "cosmetic" or "therapeutic". The Therapeutic Goods Administration (TGA) regulates how these differences are determined. Visit www.tga.gov.au to download the COSMETIC CLAIMS GUIDELINES (Latest version 9 May 1997*).

Further to this,
(4) CERTIFIED ORGANIC.
If your cosmetic products incorporate the use of Certified Organic ingredients and you wish to make any label or marketing claims and/or use the 'Bud' logo, additional compliance to the Australia Organic Standard (AOS) is also a requirement. Visit www.australianorganic.com.au to download the latest version of the BFA ORGANIC STANDARD (Version 6*).

* Correct at time of printing. Check websites regularly for updates.

USER GUIDE – CARRIER OILS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
CARRIER OILS				f	b	h	n	m	d	s	o	p
Almond sweet	*Prunus amygdalus dulcis*	Moisturising, softening, fast penetrating, rich in essential fatty acids & vitamins A & E. Low odour, very stable oil, good occlusive properties. Popular in cream & massage products.	C, M, CL, BA, BS, G	f	b	h	n	m	d	s	o	p
Apricot kernel	*Prunus armeniaca*	Emollient, moisturising, high in essential fatty acids, nourishing. Reduces roughness, cracking & irritation. Good 'slip' & occlusive properties. Excellent for eye/neck areas.	C, M, B, S, E, F, BA, G	f	b		n	m	d	s	o	p
Avocado	*Persea gratissima*	Moisturising, nourishing, emollient, superior skin penetration, rich in vitamins A, C, D, E & proteins. Rich in palmitoleic (fatty) acid.	C, M, BA, S, SU, G	f	b		n	m	d	x	o	p
Borage	*Borago officinalis*	Excellent emollient, moisturising, highest known content of essential polyunsaturated fatty acids. An excellent skin conditioner. Regulates skin hydration, temporarily firms and revitalises. Good in night creams.	C, M, G	f	b		n	m	d	s	o	p
Camellia	*Camellia oleifera*	Rich in vitamins A, B, E and other minerals. High in oleic acid. Revitalises the appearance of hair. Promotes elasticity on the skin, prevents the appearance of ageing. Fine texture, penetrates quickly. Moisturises, soothes the irritation of dry skin. Suits acne-prone skin. Very stable oil.	BA, C, M, H, G	f	b	h	n	m	d	s	o	p
Castor	*Ricinus communis*	Emollient, moisturising, soothing, provides a protective barrier to the skin. Good in lip products, night cream, hair conditioner, soaps. Also suits acne-prone skin.	M, BA, S, H, C, G	f	b	h	n	m	d	s	o	p
Coconut	*Cocos nucifera*	Excellent emollient, moisturising, softening, protective, semi-solid oil, with cooling properties. Excellent for eye/neck creams, suncare products, haircare & soap.	H, C, SU, M, S, G	f	b	h	n	m	d	s	o	p
Evening primrose	*Oenothera biennis*	Moisturising, rejuvenating, high in polyunsaturated fatty acids, occlusive & readily absorbed, repairs damaged skin especially after sun exposure, softens lines, smoothes.	C, BA, M, S, SU, G	f	b		n	m	d	s	o	p
Flaxseed	*Linum usitatissimum*	High in omega-3 essential fatty acids, anti-inflammatory properties, good for troubled skin. Recommended to be refrigerated or add an anti-oxidant to extend shelf life.	C, BA, G		b		n	m	d	s	o	p
Grapeseed	*Vitis vinifera*	Very light, very low odour, penetrates well leaving skin feeling 'silky & dry', occlusive, emollient, low allergy. Excellent for eye/neck creams & massage products.	C, M, G	f	b		n	m	d	s	o	p
Hazelnut	*Corylus americana*	Light consistency, penetrates well, slightly astringent. High in vitamin E & oleic acid. Good for dry skin, promotes elasticity. Soothing for troubled or irritated skin.	C, M, BA, B, H, G	f	b	h	n	m	d	s	o	p
Hempseed	*Cannibis sativa*	Moisturising, emollient, non-greasy, fast penetrating, protective, anti-ageing. High in omega-3 essential fatty acids. Softens, smoothes, soothes inflamed skin. Strengthens hair.	C, M, BA, H, SU, G	f	b	h	n	m	d	s	o	p
Jojoba	*Simmondsia chinensis*	Actually a wax not oil, so very stable. Emollient, moisturising, high in vitamins. Similar to skin sebum, so absorbs quickly. Provides skin protection, keeping it supple. Helps restore the skins regular pH level. Excellent for soothing inflamed skin.	C, F, M, H, S, F, G	f	b	h	n	m	d	s	o	p

highly-recommended recommended no classification x not recommended **FORMULATION GUIDE** (key p4)

USER GUIDE – CARRIER OILS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
CARRIER OILS				f	b	h	n	m	d	s	o	p
Macadamia	*Macadamia integrifolia*	Emollient, moisturising, anti-ageing; similar to the oil naturally produced by our skin, absorbs well, soothing, provides lubrication.	G, C, SU, S	f	b		n	m	d	s	o	p
Meadowfoam	*Limnanthes alba*	Meadowfoam is one of the most stable vegetable oils. It will prolong the shelf life when combined with less stable ingredients. Highly moisturising and rejuvenating, protective, non-greasy, smoothes wrinkles, reduces signs of ageing and promotes shiny hair.	C, M, S, H, BA, O, G	f	b	h	n	m	d	s	o	p
Neem seed	*Azadirachta indica*	Moisturising, clarifying and purifying to the skin. Soothes the irritation of dry skin. Contains a constituent called Azadirachtin (strong anti-microbial). Popular in Ayurvedic & Aromatherapy skin care & hair care.	B, C, H, S, SU, F	f	b	h	n	m	d	s	o	p
Olive extra virgin	*Olea europaea*	Moisturising, softening, high in essential fatty acids, very nutritious, excellent penetration, soothes, reduces scars, moisturises top layer of skin. Gentle for babies. High in unsaponifiables.	G, M, C, S, BA	f	b	h	n	m	d	s	x	p
Palm	*Elaeis guineensis*	Semi-solid butter consistency. High in vitamin A. Commercially used in soap as it cleanses, lathers & hardens well. Non-drying, saturated vegetable oil. Certified Organic Palm oil is harvested from approved sustainable forests.	S, C, O		b		n	m	d	s	o	p
Rose hip	*Rosa canina*	Moisturising, emollient, occlusive, anti-inflammatory, anti-ageing, high in omega-3 & omega-6 essential fatty acids & vitamin C, healing & regenerating properties, strengthens hair shaft.	G, C, BA, M, B, S, H	f	b	h	n	m	d	s	o	p
Safflower	*Carthamus tinctorius*	Moisturising, high in linoleic acid, contains proteins, vitamins & minerals, best blended with other oils in formulations. Great in balms.	M, S, C, B, BA, BS, G	f	b		n	m	d	s	o	p
Sesame	*Sesamum indicum*	Rich in essential fatty acids. Emollient, softening, moisturises upper layers of skin, high in anti-oxidants.	C, SU, M, C, B, G	f	b		n	m	d	s	o	p
Soya bean	*Glycine soja*	Moisturising particularly upper layers of skin, high in protein, vitamin E & other minerals, softens. Good in creams, cleansers, bath oil, soap & haircare products.	G, C, B, S, H	f	b	h	n	m	d	s	o	p
Sunflower	*Helianthus annuus*	Moisturising, emollient, high in essential fatty acids, high in vitamins A & E, regenerating, adds sheen. Excellent for nail/cuticle treatments & eye/neck areas.	C, M, N, E, BS, G	f	b		n	m	d	s	o	p
Tamanu	*Calophyllum inophyllum*	Protective, moisturising, very soothing for the irritation of dry skin, high in omega-6 & 9 fatty acids (oleic acid & linoleic acid). Keeps the skin supple, good in soothing creams & balms, after-sun products, stretch mark products.	BA, C, SU	f	b		n		d			p
Wheatgerm	*Triticum vulgare*	Emollient, protective, high in essential fatty acids & vitamin E, vitamin A. Very emollient oil, thick consistency, softens & smoothes the skin improving the complexion. Often used in vitamin E creams, anti-wrinkle & after-sun products.	M, C, SU, S, G	f	b		n	m	d	s	o	p

highly-recommended recommended no classification x not recommended **FORMULATION GUIDE** (key p4)

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	PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE
	ANTI-OXIDANTS			
	Rosemary leaf extract	*Rosmarinus officinalis*	Natural. Derived from the natural anti-oxidants present in rosemary, this product is effective in inhibiting rancidity within your natural products. ^	B, BA, C, CL, G, M. 0.1-0.5% (approx. 2-10 drops per 100mL)
	Vitamin E acetate natural	*d-alpha tocopheryl acetate*	Natural. Alpha form. High potency 1100 IU. More bio-active than synthetic vitamin E, 1mg is equivalent in activity to approx. 1.36mg of dl-alpha tocopheryl (synthetic). Most useful in skincare formulations for topical benefits. Cools and soothes the irritation of dry skin, helps prevent & slow signs of ageing. Smoothes wrinkles. Also suitable to prevent rancidity of fats & oils. ^	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Creams 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%, Massage oil 1-5%
	Vitamin E acetate	*dl-alpha tocopheryl acetate*	Synthetic. Alpha form. Most useful in skincare formulations for topical benefits. Cools and soothes the irritation of dry skin, helps prevent & slow signs of ageing. Smoothes wrinkles. Also suitable to prevent rancidity of fats & oils.	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Creams 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%, Massage oil 1-5%
new	Vitamin E mixed tocopherols	*Tocopherol*	Natural. Mixed (alpha, beta, gamma, delta) forms. Most useful for protection of fats and oils from rancidity. Also suitable for topical applications. ^	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Massage oil 0.5-1%, Cream 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%

PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE
BOTANICALS			
Calendula flowers certified organic	*Calendula officinalus*	Adds texture & colour to bath, toiletry & aromatherapy products. Colour varies from bright to dark yellow, according to seasonal influences. Won't go brown when added to cold process or melt & pour soaps. Excellent in products for sensitive skin types.	BS, C, CL, S
Chamomile flowers certified organic	*Matricaria chamomilla*	Adds texture & colour to bath, toiletry & aromatherapy products. Colour is soft yellow. Soothing & gentle on the skin, excellent in products for sensitive skin types.	BS, C, CL
Lavender flowers certified organic	*Lavandula angustifolia*	Adds texture & colour to bath, toiletry & aromatherapy products. Colour is soft lilac, with a sweet gentle aroma that offers an attractive lavender perfume. Its effect is calming & as it contains camphor it aids sleep & relaxation. It is ideal for scenting & protecting clothes from moths & for warding off unwanted mosquitoes in the summer. Suitable to use with all skin types.	BS, C
Red rose petals certified organic	*Rosa centifolia*	Adds texture, colour & aroma to aromatherapy products & potpourri. Colour varies from deep red to lighter pink, according to seasonal influences and availability. Has a sweet gentle aroma that offers a rich rose perfume. Natural, biodegradable product making it also ideal for wedding confetti.	BS, C

● highly-recommended ● recommended ● no classification **FORMULATION GUIDE** (key p4) ^ Consult your organic certifier for approval in organic formulations

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE
BUTTERS, EMULSIFIERS, THICKENERS, WAXES			
Beeswax certified organic	*Beeswax*	Australian Beeswax (certified organic) has a rich colour and honey aroma that will scent your products. Ideal for water/oil emulsions, balms, candles.	BA, C, F, G, H, O
Beeswax	*Beeswax*	Beeswax (natural) has a mild honey aroma that will scent your products. Ideal for water/oil emulsions, balms, candles.	BA, C, F, G, H, O
Beeswax (refined)	*Beeswax*	Beeswax (refined) has been decoloured and deodorised and very easy to use in water/oil emulsions, balms, candles.	BA, C, F, G, H, O
Carnauba wax	*Copernicia Cerifera (carnauba) Wax*	Adds glossy finish to lipsticks, lip balms (suits tubes). Thickens, softens. Also suitable for skincare, suncare and other cosmetics. Melting point 78-85°C. May be used as a substitute to beeswax.	BA, C, G, O, SU 1-10%
Cocoa butter (refined) certified organic	*Theobrama cacao*	Low to no odour, light yellow colour. Melt before use.	BA, BS, C, F, G, H, M, O, S Creams 3-6%, Balms 6-60%, Soap 3-6%
Cocoa butter	*Theobrama cacao*	Low to no odour, light yellow colour. Obtained from the cocoa seed. Melt before use. Excellent emollient. Long lasting protection, occlusive, high in vitamin E, softens, lubricates. Melting point 33-35°C. Good for all skin types especially dry skin, excellent for eye/neck/lip areas.	BA, BS, C, F, G, H, M, O, S Creams 3-6%, Balms 6-60% Soap 3-6%
Emulsifying wax	*Ceteareth-20 & Cetearyl alcohol*	For water/oil emulsions. Emulsifying wax is a non-ionic emulsifier. A strong emulsifier that will deliver consistent results in every batch. This emulsifying wax is derived from cetearyl alcohol which is a stabilising wax produced from the reduction of plant oils and natural waxes. Binds water and oil molecules together and provides thickening properties.	C, CL, E, F, G, SH, SU 4-8%
Guar gum	*Cyamopsis Tetrogonoloba Gum*	Natural gum powder. Thickening agent, extracted from guar beans. Emulsifier and suspension stabiliser.	BG, C, E, SH, BM, CL, FM, H 0.1-2% in cold water
Lanolin	*Lanolin anhydrous*	A by-product from sheep's wool. Melt before use. Lanolin is an emollient, humectant and a co-emulsifier. It has high water absorption capabilities. Protects skin from the elements.	C, BA, F, O 1-7%

● highly-recommended ● recommended ● no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE
BUTTERS, EMULSIFIERS, THICKENERS, WAXES			
Mango butter	*Mangifera indica*	Obtained from the mango kernel. Excellent emollient. Long lasting protection. High content of stearic acid and good oxidative levels thus it stabilises formulations. Melting point 28-36°C or on contact with skin. Moisturising, softening, lubricant, soothes skin reducing irritation, revitalises the appearance of the skin. Good for all skin types. Solidifies in cooler temperatures and may liquefy in warmer climates.	B, BM, C, F, H, N, S, SU Creams 2-20%, Balms 5-100%, Soaps 3-10%
Shea nut butter (refined) certified organic	*Butyrospermum parkii*	Obtained from the shea nut kernel. Excellent emollient. Low melting point 28-34°C, or on contact with skin. Offers long lasting protection from harsh weather conditions. Melt before use. Relieves chapped skin exposed to wind or cold. Soothes skin irritation. Stimulant that revitalises the appearance of the skin. Good for all skin types, especially dry skin, excellent for neck/eye areas.	B, BM, C, F, H, M, N, O, S, SU Creams 3-15%, Balms 3-25%, Soaps 3-10%, Suncare 3-25%, Haircare 2-5%
Stearic acid	*Palm stearic*	Cosmetic grade vegetable stearine. A naturally occurring fatty acid obtained from palm oil. May be added to creams to thicken and enhance stability and to soap to harden. May be used as a substitute to beeswax.	C, F, G, S 2-10%
Xanthan gum	*Xanthan Gum*	Corn starch gum. It has emulsifying, stabilising and gel-like thickening properties. Enhances viscosity. Cosmetic & food grade. Non-GMO.	BG, BM, C, CL, E, FM 0.5-2% in warm water

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	FEET	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
CLAYS - LES ARGILES DU SOLEIL (FRENCH)†				f	b	fe	n	m	d	s	o	p
Argile verte surfine (green)	*Montmorillonite*	Montmorillonite clay is reputed to be the best quality and most active clay due to the high levels of magnesium. It contains oxides of iron, aluminium, magnesium, manganese, silica and calcium. Its purity, Absorption Capacity (20%) and high Ionic Exchange Powers (60-70Mg/g) make it far superior to ordinary green clays. Montmorillonite clay offers superior absorbency capacity, cleanses, clarifies and purifies the skin. This clay is extracted by hand; it is very pure, soft and revitalising. Its use gives remarkable results.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Argile rouge surfine (red)	*Illite*	Illite clay is rich in calcium carbonate. Its Absorption Powers (30%) are able to draw out impurities. The Ionic Exchange is 6-8Mg/g. Illite (red) has a high presence of iron oxide. Rich in trace elements, cleans the skin, revitalises the appearance and leaves the complexion looking radiant.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Argile jaune surfine (yellow)	*Illite*	Illite clay is rich in calcium carbonate. Its Absorption Powers (30%) are able to draw out impurities. The Ionic Exchange is 6-8Mg/g. Illite (yellow) is rich in minerals. Restores a healthy glow as it tones refreshes and tightens the skin.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Argile blanche surfine (white)	*Kaolin*	Kaolin is rich in silica and mineral salts. It is less absorbent than green clay, thus very gentle and softening on the skin. Kaolin is a gentle, less absorbent clay that effectively cleanses and clarifies the skin. Softens and tones. Gentle enough for elderly skin.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Argile rose surfine (pink)	*Illite (and) Kaolin*	A balanced blend of iron oxide, silica and mineral salts, balanced to produce clay that is gentle and most suited to sensitive and delicate skin. It offers medium absorbency and effective cleanser for sensitive skin types. Smoothes and re-textures the skin.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4) † Sydney Essential Oil Co. is the approved Australasian Agent for Les Argiles du Soleil

USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	FEET	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
				f	b	fe	n	m	d	s	o	p
CLAYS - AUSTRALIAN												
Australian soft green clay	*Bentonite*	A detoxifying clay, Australian soft green clay can help revitalise tired, dull complexions. This clay leaves the skin glowing with vitality.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Australian deep red clay	*Iron oxides*	Australian deep red clay is an oily clay with a gentle absorbent action. Perfect for use in masks for dehydrated and mature skin. Note: This clay is not suitable to be used alone on the skin. Whilst it is gentle, it is also prone to staining the skin. We suggest adding 10-20% of red clay to another colour for best results.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Australian golden yellow	*Kaolin*	Australian golden yellow clay has a tonic effect on the skin. It is excellent for all skin types and is perfect for simple and effective face and body masks.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p
Australian pure white	*Kaolin*	A very fine clay, Australian pure white clay is recommended for sensitive skin types making it ideal for the elderly and young. Also used to make masks with other Australian clays milder.	BM, BP, BS, C, F, FM, G, H, O, S, SH	f	b	fe	n	m	d	s	o	p

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	FEET	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
				f	b	fe	n	m	d	s	o	p
AUSTRALIAN MINERAL-LITE ULTRAFINE												
Australian mineral-lite ultrafine	*Zeolite*	Suits all skin types. May be use individually or mixed with other clays. Ultra-fine active hydrous alumino-silicate. Australian Mineral-lite is high in trace elements. Its hexagonal surface enables a greater drawing capacity, amplifying the qualities of other natural ingredients it is blended with. In practical terms it will give your mask a creamier consistency and help make the mask easier to remove once it has dried.	C, BG, BM, BS, BP, CL, F, FM, G, H, O, S, SH, SU	f	b	fe	n	m	d	s	o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

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USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE
DYES - NATURAL			
Blue	*Gardenia florida*	Colour range: Sky to rich navy/steely blue. Natural dyes may be affected by pH, heat, light & storage conditions. Blue natural dye (water soluble) suits SEOC M&P soap, cream bases, haircare bases & gel bases, but is not recommended in cold process soaps.	C, BG, BS, BP, CL, F, FM, G, H, O, S, SH, SU
Burnt orange	*Bixa orallana L.*	Colour range: Deep burnt orange to brown. Natural dyes may be affected by pH, heat, light & storage conditions. Burnt orange natural dye (oil soluble) suits SEOC M&P soap, cream bases, haircare bases & gel bases, but is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Green	*Festuca arundinacea*	Colour range: Light apple to rich forest green. Natural dyes may be affected by pH, heat, light & storage conditions. Green natural dye (oil soluble) suits SEOC M&P soap, cream bases, haircare bases & gel bases, but is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Orange	*Capsicum annum L.*	Colour range: Bright to deep orange. Natural dyes may be affected by pH, heat, light & storage conditions. Orange natural dye (oil soluble) suits SEOC M&P soap, cream bases, haircare bases & gel bases, but is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Yellow	*Curcuma long L.*	Colour range: Bright to deep yellow. Natural dyes may be affected by pH, heat, light & storage conditions. Yellow natural dye (oil soluble) suits SEOC M&P soap, cream bases, haircare bases & gel bases, but is not recommended in cold process soaps (try tumeric powder instead).	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU

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USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
DYES			
Charcoal black	*Colour (122, 102, 133)*	Charcoal black dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Chocolate brown	*Colour (123, 102, 110, 133, 124)*	Chocolate brown dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Electric blue	*Colour (133)*	Electric blue dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps. Tip: Mix 2 part red with 1 part blue to create shades of lilac to purple.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Lemon yellow	*Colour (102)*	Lemon yellow dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Lime green	*Colour (102, 133)*	Lime green dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Strawberry red	*Colour (124)*	Strawberry red dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps. Tip: Mix 2 part red with 1 part blue to create shades of lilac to purple.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU
Sunset orange	*Colour (110)*	Sunset orange dye (water soluble) adds visual appeal & is stable & safe for use in SEOC base products as well as other formulation applications. However, it is not recommended in cold process soaps.	C, B, BA, BG, BP, BS, CL, F, G, H, M, O, S, SH, SU

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USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	FEET
EXFOLIATING GRANULES				f	b	fe
Jojoba beads (28/60)	*Jojoba Esters*	Hard, white, free flowing micro-spheres offering gentle yet effective exfoliation. Non-irritating and non-abrasive. Deposits jojoba esters onto the skin. Ideal in facial products such as cleansers, gels. Melt point 66-71˚C. Suspension is excellent in creams, however it is prone to float in gels. Not ideal in soaps.	BG, C, CL Face: 5-10%, Body: 5-15%	f	b	
Pumice (ground powder)	*Pumice*	Fine ground, light grey pumice stone. Hard granules offer a firm exfoliation. Best suited in foot products. Suspension is excellent in creams; however it is prone to sink in gels & soaps.	C, F, S Soap bars: 5-15% Body: 5-15% Foot: 5-20%		b	fe
Rosella (ground)	*Hibiscus sabdariffa*	Very soft, irregular, mid-sizes dark pink granules. Suitable for face, body or bath. Rosella is pH sensitive and will deliver a variety of colour shades from bright pink to blueberry blue depending on the formulation. When added to creams, we recommend immediate-use (e.g. Spa). Rosella offers a 'natural-acid' exfoliation rather than physical scrub exfoliation. An alternative application for this product is as a 'Botanical', thus adding texture & colour to bath salt or tea tub products.	BS, C Face: 2-5%, Body: 5-10%, Creams: 2-10% Bath: various %.	f	b	
Sandalwood powder	*Santalum spicata*	Firm, irregular mid-size natural brown granules. Suitable for body, foot, face products. Will add a light Sandalwood-typical aroma & chocolate colour to your products. Suspension is excellent in creams, however it is prone to sink in gels & soaps. Ensure adequate preservatives are incorporated into your formulation.	BS, C, F, S, SH Soap bars: 5-10% Face: up to 5% Body: 5-15% Foot 5-15%	f	b	fe
Tea tree powder	*Melaleuca alternifolia*	Dried and crushed, fine-mid, natural green/brown powder. Suitable for face (in low doses or blended) body & foot products. Offers mild astringent action and medium exfoliation. Suspension is excellent in creams; however it is prone to sink in gels & soaps. Ensure adequate preservatives are incorporated into your formulation.	BS, C, F, S, SH Soap bars: 5-10% Face: 5-10% Body: 10-30% Foot: 10-30%	f	b	fe
Walnut shell (ground)	*Juglans Regia (Walnut) Shell*	Firm, irregular mid-size, natural brown granules. Suitable for face (in low doses or blended), body, foot & soap products. Suspension is excellent in creams; however it is prone to sink in gels & soaps. Ensure adequate preservatives are incorporated into your formulation.	C, F, S Soap bars: 5-15% Body: 5-10% Foot: 5-15%	f	b	fe
Wattleseed (ground)	*Acacia victoriae*	Firm, irregular mid-size, dark brown granules. Suitable for body, foot & soap products. Will add a coffee/hazelnut aroma & coffee colour to your products. Suspension is excellent in creams; however it is prone to sink in gels & soaps. Ensure adequate preservatives are incorporated into your formulation.	BG, C, F, S Soap bars: 5% Face: 5-8%, Body: 5-15%	f	b	fe

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
EXTRACTS				f	b	h	n	m	d	s	o	p
Apple extract certified organic	*Pyrus malus*	Nourishing, moisturising, soothes the irritation of dry skin, cleanses oily skin.	G, BG, CL, FM, C, H 1-6%	f	b		n	m	d	s	o	p
Bearberry extract certified organic	*Arctostaphylos uva ursi*	Astringent, brightens the complexion.	C, BM, FM 1-6%	f				m			o	
Bilberry leaf extract certified organic	*Vaccinium myrtillus*	Astringent, anti-couperose, tonic, vessel protective, bacteriostatic, purifies and cleanses all skin types, soothes the irritation of dry skin.	G, H, BG, CL, C 1-6%	f	b	h				s	o	p
Calendula extract certified organic	*Calendula officinalis*	Emollient, soothes the irritation of dry skin, protective, refreshing, relieves itching due to dry skin, purifies and cleanses all skin types. Protects from drying effects of the sun.	G, SU, SH, S, C, CL, H. 1-6%	f	b	h		m	d	s	o	p
Chamomile extract certified organic	*Chamomila recutita*	Emollient, soothes the irritation of dry skin, refreshing, purifying. Protects from drying effects of the sun.	G, C, BG, SH, SU, H, CL. 1-6%	f	b	h	n	m	d	s		p
Comfrey root extract certified organic	*Symphytum officinale*	Soothes the irritation of dry skin, emollient, astringent, relieves itching due to dry skin.	G, BG, CL, C, H, S, SH. 1-6%	f	b	h	n	m	d	s	o	p
Cranberry extract certified organic	*Vaccinium macrocarpon*	High in natural vitamin C, essential fatty acids, tocotrienols, omega 3 & 6. Bacteriostatic. Promotes elasticity, firming and diminishes the appearance of wrinkles.	CL, C, FM, BM, G 1-6%	f	b		n	m			o	
Cucumber extract certified organic	*Cucumis sativus*	Moisture binding & regulator, tightening, soothes the irritation of dry skin, astringent, relieves itching due to dry skin, refreshing, softening. Protects from drying effects of the sun.	G, C, SH, CL, E, SU, BG, BM. 1-6%	f	b		n	m	d	s	o	p
Davidson plum extract australian native	*Davidsonia pruriens*	High in anthocyanin group of anti-oxidants. Contains polysaccharides, helps maintain skin hydration.	BG, C, CL, E, FM, G 1-6%	f	b			m	d			
Desert lime extract australian native	*Citrus glauca*	Excellent anti-oxidant due to high concentration of Vitamin C. Enhances skin, rejuvenates whilst soothing, rebalancing, refreshing & revitalising. Promotes youthful looking skin. Diminishes the appearance of wrinkles or fine lines. Great in hair care products. Great in serums for mature skin.	BM, C, CL, FM, G, H, SH. 1-6%	f	b	h	n	m		s		
Echinacea extract certified organic	*Echinacea augustifolia*	Soothes and calms the irritation of dry skin. Cleanses, purifies, revitalises and stimulates the skin. Good for problem skin.	G, CL, C, BG 1-6%	f	b	h			d		o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
EXTRACTS				f	b	h	n	m	d	s	o	p
Fig extract certified organic	*Ficus carica*	Very high in minerals, nourishes, revitalises & moisturises the skin. Helps prevent signs of age lines. High in anti-oxidants, contains vitamins A, C & B.	G, FM, C, BM 1-6%	f	b	h	n	m	d			
Fucus extract	*Fucus vesiculosus*	Micro-algae with high content of trace elements especially iodine, high content of muco-polysaccharides, provides hydration, softness and elasticity.	C, BM 1-5%	f	b		n	m	d	s	o	p
Ginkgo extract certified organic	*Ginkgo biloba*	Anti-oxidant, diminishes the appearance of wrinkles. Soothes the irritation of dry skin, tonic, stimulant.	G, C, BG, CL 1-6%	f	b		n	m	d	s	o	p
Ginseng (siberian) extract certified organic	*Eleutherococous senticosus*	Very high in polysaccharides & glycoproteins, that smooth wrinkles & help reduce premature ageing. Ideal in eye, décolletage & firming products.	E, C, BM, FM 1-6%	f	b	h	n	m	d	s	o	p
Goji berry extract certified organic	*Lycium barbarum*	Powerful anti-oxidant. High in minerals, vitamins B & E. Soothes skin. Helps prevent signs of age lines.	C, CL, FM, BM, BG, G 1-6%	f	b		n	m			o	p
Gotu kola extract certified organic	*Centella asiatica*	Temporary firming, soothes the irritation of dry skin, purifying, tonic, stimulating, promotes circulation, astringent.	G, C, BG, S 1-6%	f	b		n	m	d	s	o	p
Green tea extract certified organic	*Camellia sinensis*	Stimulant, astringent, anti-oxidant, tonic for ageing skin. Diminishes the appearance of wrinkles.	G, C, BG, CL, S, FM, BM 1-6%	f	b		n	m	d	s	o	p
Horsetail extract certified organic	*Equisetum arvense*	Elasticising, astringent, cleanses and energises skin.	C, CL, BM, H, S 1-6%	f	b	h	n	m	d	s		p
Kakadu plum extract australian native	*Terminalia ferdinandiana*	Superior anti-oxidant due to being the world's highest known fruit source of vitamin C. Can improve the skin's visual appearance. Reduces the irritation of dry skin.	BG, BM, C, CL, E, G, H, O, SH, SU 1-6%	f	b	h	n	m		s		p
Kelp extract certified organic	*Durvillea potatorum*	Micro-algae with a high content of trace elements, especially iodine, moisturising, emollient.	C, BM, H, BG 1-5%	f	b		n	m	d		o	p
Kiwi extract certified organic	*Actinidia chinensis*	Peeling, moisturising, refreshing, purifying, presence of AHA and ascorbic acid.	G, CL, BG, CL, FM, BS 1-6%	f	b		n	m	d	s	o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
EXTRACTS				f	b	h	n	m	d	s	o	p
Lemon aspen extract australian native	*Acronychia acidula*	High in fruit acids & B vitamins. Provides toning, nourishing, natural pH balancing, protecting, de-stressing. Excellent in hair care preparations.	BG, BM, BS, C, CL, E, FM, G, H, N, SH 1-6%	f	b	h		m			o	p
Lilli pilli (riberry) extract australian native	*Syzygium leuhmannii*	Gently astringent, contains fruit acid for gentle exfoliation, high in vitamin C, purifying, renowned for regenerative properties. Diminishes the appearance of wrinkles or fine lines.	BG, C, CL, FM, SH 1-6%	f	b		n	m	d	s		
Liquorice root extract certified organic	*Glycyrrhiza glabra*	Helps slow the signs of premature ageing. Soothing and nourishing. Calms the irritation of very dry skin. Sebum regulating. Ideal for whitening products.	G, CL, BG, C, FM 1-6%	f	b	h		m	d	s		
Marsh mallow extract certified organic	*Althea officianalis*	Soothes the irritation of dry skin, protective, softening, emollient.	G, CL, BG, SH, H, C 1-6%	f	b		n	m	d	s	o	p
Nettle extract certified organic	*Urtica dioica*	Removes loose dandruff, promotes lustre in hair. Stimulating. Astringent, cleanses oily skin.	G, CL, BG, SH, H, C 1-6%	f	b	h	n	m	d	s	o	p
Olive leaf extract certified organic	*Olea europaea*	A powerful anti-oxidant & tonic for ageing skin, helps slow signs of age lines. Soothing, hydrating, astringent. Tones, firms, help promote elasticity.	G, CL, C, BM, FM 1-6%	f	b	h	n	m			o	
Papaya extract certified organic	*Carica papaya*	Purifying, refreshing, moisturising, soothes the irritation of dry skin.	G, BG, CL, C, BS, H, FM, BM 1-6%	f	b		n	m	d	s	o	p
Passionflower extract certified organic	*Passiflora incarnata*	Relaxing and calming to skin, refreshing, nourishing.	G, BG, CL, C, BM 1-6%	f	b	h	n	m	d	s	o	p
Pineapple extract certified organic	*Ananas sativus*	Astringent, contracts, purifying, refreshing, moisturising, nourishing, soothes the irritation of dry skin.	G, BS, CL, C, BM 1-6%	f	b		n	m			o	p
Pomegranate extract certified organic	*Punica granatum*	Potent anti-oxidant & free-radical scavenger that helps reduce the appearance of age lines & wrinkles. Skin looks younger. Protects from environmental stresses.	SU, CL, C, H, BG 1-6%	f	b	h	n	m	d		o	p
Quandong extract australian native	*Santalum acuminatum*	High in essential fatty acids & vitamin C. Diminishes the appearance of wrinkles or fine lines. Refreshing, moisturising, nourishing. Excellent in hair care preparations.	G, BG, BM, CL, C, H, N, SH 1-6%	f	b	h	n	m	d	s	o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
EXTRACTS				f	b	h	n	m	d	s	o	p
Rosella extract australian native	*Hibiscus sabdariffa*	High in organic acids & anti-oxidants. Diminishes the appearance of wrinkles. Revives tired, dehydrated skin. Helps promote elasticity. May give slight colour change to finished product.	C, SH, FM, G 1-6%	f	b	h	n	m	d	s	o	p
Rosemary extract certified organic	*Rosmarinus officinalis*	Tonic, purifies and cleanses all skin types, anti-oxidant.	G, H, CL, BG, C, SH 1-6%	f	b	h	n	m	d	s	o	p
Soapwort extract certified organic	*Saponaria officinalis*	Contains mucilage, phytosterols, vitamin C. Cleanses & purifies all skin types. Soothes the irritation of dry skin.	G, H, C, CL, M 1-6%	f	b	h			d	s	o	p
Spirulina extract certified organic	*Spirulina maxima*	Micro-algae with anti-oxidants due to carotenoids (beta carotene), nourishing, moisturising due to vitamin E. Diminishes the appearance of wrinkles. Protects from drying effects of the sun.	C, SU, H, N, BM, BS, S, BG 1-5%	f	b	h	n	m	d	s	o	p
Wattleseed extract australian native	*Acacia victoriae*	Cleanses, pore refining, anti-inflammatory properties. Promotes youthful looking skin due to high levels of amino acids (proteins). Anti-ageing. Adds light colour & odour to finished products.	C, CL, FM, H, G 1-6%	f	b		n	m		s	o	p
Wheat amino acid (protein)	*Triticum vulgare*	Micro proteins at less than 1000 daltons. Contains free amino acids, high moisturising action penetrates the cuticle of the hair & horny layer of the skin, bringing brightness, hydrating & conditioning.	G, C, H, BG, S, N up to 2%	f	b	h	n	m	d	s	o	p
White tea extract certified organic	*Camellia sinensis*	More powerful anti-oxidant than green tea. Protective tonic for ageing skin. Diminishes the appearance of wrinkles or fine lines. Protects from drying effects of the sun.	SU, FM, C, CL, H 1-6%	f	b	h	n	m	d	s	o	p
Witch hazel certified organic	*Hamamelis virginiana*	Astringent, softening, anti-couperose. Useful for calming insect bites. Soothes irritated or dry skin.	SH, FM, T up to 100%	f			n			s	o	p
Witch hazel	*Hamamelis virginiana*	Astringent, softening, anti-couperose. Useful for calming insect bites. Soothes irritated or dry skin.	SH, FM, T up to 100%	f			n			s	o	p

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
FRAGRANT OILS			
Apple	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Chocolate	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Coconut	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Frangipani	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Gardenia	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Jasmine	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Lavender	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Mango	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Musk	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Rose	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Sandalwood	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Vanilla	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%
Watermelon	*Parfum (EU) or Fragrance (US). Either in Australia*	Cosmetic grade. Oil soluble liquid concentrate.	G. 0.5-3%

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
HUMECTANTS			
Glycerine	*Glycerin*	Glycerine is the most widely used humectant for natural and organic cosmetics. It is plant-derived and offers water binding & moisture retaining properties that can balance the skin's NMF (natural moisturising factor). This aids in keeping the skin healthy and assists in maintaining the structure of the epidermis (outer layer of skin). Thus making it an ideal ingredient for skin care preparations that are designed to increase water content of the skin and smooth the skin (moisturisers). Improves the spreading qualities of creams and liquids, adds gloss effect. Good solvent for various water-insoluble ingredients.	BA, C, CL, O, SH, S Creams: 2-5%
Lecithin	*Lecithin, Soybean Extract*	Derived from soy beans (non-GMO). Lecithin is a natural emollient, a Water-in-Oil co-emulsifier, a spreading agent and a natural anti-oxidant. Used to extend product shelf life by acting as a mild preservative. Suitable in creams, balms, hair conditioner.	BA, C, BG, H, SU, O 3-20%

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USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
HYDROSOLS				f	b	h	n	m	d	s	o	p
Chamomile roman hydrosol certified organic	*Chamaemelum anthemis nobile*	Use directly on the skin as a toner, compress, mother care, baby care. Incorporate in cosmetic formulations. Soothing after exposure to the sun. Mix with neroli for acne-prone skin, or with witch hazel for mature, or with lavender for dry skin.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m	d	s	o	p
Jasmine hydrosol certified organic	*Jasminum grandiflorum*	Use directly on the skin as a calming toner. Incorporate in cosmetic formulations. Note: Odour profile varies from jasmine essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h				s	o	p
Lavender bulgarian hydrosol certified organic	*Lavandula angustifolia*	Use directly on the skin as a calming toner, or makeup remover, spritz to rejuvenate skin in dry atmospheres, spritz to minimise shaving rash and ingrown hairs. Combine with chamomile in baby care. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m	d	s	o	p
Lavender spike hydrosol certified organic	*Lavandula latifolia*	Use directly on the skin as a calming toner, or makeup remover, spritz to rejuvenate skin in dry atmospheres, spritz to minimise shaving rash and ingrown hairs. Combine with chamomile in baby care. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m	d	s	o	p
Lemon scented tea tree hydrosol certified organic	*Leptospermum petersonii*	Use directly on the skin as a refreshing toner, or on body as insect repellent. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n				o	p
Melissa hydrosol certified organic	*Melissa officinalis*	Use directly on the skin as an anti-ageing toner/clarifier, or after sun exposure. Combine with rosemary & spritz while studying. Suitable for babies. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m	d	s	o	p
Neroli hydrosol certified organic	*Citrus aurantium ssp amara*	Use directly on the skin as a toner, spritz as light perfume. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m		s	o	p
Peppermint hydrosol certified organic	*Mentha piperita*	Use directly on the skin, or décolletage as a cooling, uplifting toner. Spitz on insect bites, when studying, or to refresh in hot weather. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n				o	p
Rose otto hydrosol certified organic	*Rosa damascena.miller*	Use directly on the skin as a toner that retains moisture and revitalise the skin. Spritz when travelling to cool & hydrate. Incorporate in cosmetic formulations.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T up to 100%	f	b	h	n	m	d	s		

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	BOTANICAL NAME	DESCRIPTION	FORMULATION GUIDE	FACE	BODY	HAIR	NORMAL	MATURE	DRY	SENSITIVE	OILY	PROBLEM
INFUSED WATER				f	b	h	n	m	d	s	o	p
Bergamot infused water	*Citrus aurantium var. bergamia*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h			d		o	p
Chamomile roman infused water	*Chamaemelum anthemis nobile*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h				s	o	p
Grapefruit infused water	*Citrus paradisi*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n				o	p
Jasmine infused water	*Jasminum grandifloum*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d		o	p
Lavender infused water	*Lavandula angustifolia*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d	s	o	p
Orange blossom infused water	*Citrus aurantium*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d	s	o	p
Peppermint infused water	*Mentha piperita*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d	s	o	p
Rose infused water	*Rosa centifolia*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d	s	o	p
Rosemary infused water	*Rosmarinus officinalis*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n		d			
Tea tree infused water	*Melaleuca alternifolia*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n				o	p
Witch hazel (contains 14% alcohol)	*Hamamelis virginiana*	Use directly on the skin as toner, clay mask ingredient, or add to cosmetic formulation.	FM, SH, T. Up to 100%	f			n				o	p
Ylang ylang infused water	*Cananga odorata*	Use directly on the skin as toner, clay mask ingredient, spritzer, or add to cosmetic formulation. Properties align to the matching essential oil.	BG, BM, BS, C, CL, E, F, FM, G, H, S, SH, T. Up to 100%	f	b	h	n	m	d		o	

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4)

USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION
PH ADJUSTERS		
Borax	*Sodium borate*	Borax is the sodium salt derived from boric acid (preservative). It has preservative, astringent and antiseptic properties. Used to increase pH (more alkaline). It may also be used as a co-emulsifier. Soluble in water. Solubility increases with heat.
Citric acid	*Citric acid*	Derived from citrus fruits. Uses include inhibiting bacteria growth (preservative), pH adjustment (lower, more acidic), an astringent and an anti-oxidant. Suitable for use in creams, soaps & shampoos. Soluble in water, alcohol.
Sodium bicarbonate	*Sodium bicarbonate*	Adds smoothing texture to creams. Used to increase pH (more alkaline). Softens water. Helps oil absorb into bath salts. Excellent for household cleaning. Absorbs moisture and odours. Cosmetic and food grade. Anhydrous form. Soluble in water.

PRODUCT	BOTANICAL NAME / INCI	DESCRIPTION	FORMULATION GUIDE
PRESERVATIVES			
Grapefruit seed extract	*Citrus paradisi*	Natural (glycerine extracted) Broad spectrum anti-microbial compound. Environmentally safe, low toxic. Bactericide, fungicide, anti-viral and anti-parasitic.	BG, C, E, F, FM, G, H, SU 0.5-3%
Propylene glycol (and) diazolidinyl urea (and) iodopropynyl butylcarbamate	*Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate*	Broad spectrum, non-paraben, anti-microbial. Effective against Gram-negative and Gram-positive bacteria, yeasts and molds. Soluble in water. Heat sensitive; add at cool-down phase.	BG, C, E, F, FM, G, H, SU 0.1-0.5%, add at 50°C or less.
Naticide ®	*Parfum (EU) or Fragrance (US). Either in Australia.*	Naticide ® is a Trade name of Sinerga. A vegetable origin fragrance with broad spectrum activity against Bacteria Gram-positive, Bacteria Gram-negative, molds and yeasts. Allows for label claim 'preservative free' as can be listed as Parfum or Fragrance. Soluble in water up to 0.6%, completely in glycol and alcohol. Has potential for use in organic cosmetic formulations. ^	BG, C, E, F, FM, G, H, SU 0.3-1% when used alone, 0.2-0.5% when co-preservative.
Phenoxyethanol	*Phenoxyethanol*	Paraben and Formaldehyde free preservative. Low toxicity, non-sensitising. Slight odour. Good bactericide, most active against Gram-negative. Weak on fungicides, so usually combined with other preservative(s), e.g. Potassium sorbate. Stable up to 85°C. Usually used at 0.1% at water phase.	BG, C, E, F, FM, G, H, SU 0.1-1%
Potassium sorbate	*Potassium sorbate*	Mild, yet effective preservative. Non-toxic, non-irritating, non-sensitising. Inhibits micro-organisms, molds and yeasts. Natural alternative to parabens. Is the potassium salt of sorbic acid. Solubility @ 20°C in water is 58.2%, and in alcohol is 6.5%. Has potential for use in organic cosmetic formulations. ^	BG, C, E, F, FM, G, H, SU. 0.1-0.5% when used alone, 0.02-0.09% when co-preservative; heat with water phase.
Unigerm G-2	*Propylene Glycol (and) Diazolidinyl Urea (and) Methyl & Propyl Paraben*	Synthetic. This product is a synergistic preservative system, distinguished by an exceptional broad-spectrum of activity. Effective on inhibiting the growth of bacteria and fungi in water phase. Solubility @ 25°C in water is 1%.	BG, C, E, F, FM, G, H, SU 0.5-3%

● highly-recommended ● recommended ● no classification **FORMULATION GUIDE** (key p4) ^ Consult your organic certifier for approval in your formulation

USER GUIDE – RAW MATERIALS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
SALTS			
Bath salts - coarse	*Sodium chloride*	Australian water-washed sea salt. Coarse crystals are an excellent base for bath salts, bath milks or salt scrubs.	BS
Bath salts - fine	*Sodium chloride*	Australian water-washed sea salt. Fine crystals are an excellent base for bath salts, bath milks or salt scrubs.	BS
Epsom salts	*Magnesium sulphate*	Detoxifying and works well in conjunction with a cleansing diet. Suitable to add to a bath salts blend.	BS

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
SOLUBILISER			
Solubiliser	*Sulphated Castor Oil*	Naturally derived from castor oil. Use for dissolving or dispersing essential oils into water. May be used in bath products, room, face and body sprays, hair products. Premium cosmetic grade. Solubility is clear to cloudy dependant on the essential oil. Example of How to Use: Mix Solubiliser & Essential oil together, heat to 40ºC, add water to the mixture.	Ratio of Solubiliser to Essential Oil can range from 1:1 to 10:1. This is determined by the specific essential oil.

PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
SUNSCREENS			
Titanium dioxide	*Titanium Dioxide or CI 77891*	Physical sunscreen, that acts as a reflective agent, diffusing UV radiation. Used in cosmetic products for brightening the complexion due to high refractive index. Used as a pigment and thickener in sunscreen creams. Virtually insoluble, water resistant. Add to cold process or melt & pour soap to whiten. When correctly formulated it provides UV-A & UV-B protection. Refer to the Australian Govt. Therapeutic Goods Administration www.tga.gov.au/docs/html/cosclaim.htm for SPF claims information.	C, S, SU max. 25%^
Zinc oxide	*Zinc Oxide or CI 77947*	Physical sunscreen, that acts as a reflective agent, diffusing UV radiation. Virtually insoluble. Soothes the irritation of dry skin. Less opaque than titanium dioxide. Reflective properties, when correctly formulated it provides UV-A & UV-B protection. Best for UV-A. Refer to the Australian Govt. Therapeutic Goods Administration www.tga.gov.au/docs/html/cosclaim.htm for SPF claims information.	C, S, SU max. no limit^

● highly-recommended ● recommended ● no classification **FORMULATION GUIDE** (key p4) ^ Correct at time of printing. Source Australian Govt. Therapeutic Goods Administration 'ARGOM' version 16 Sept 2005

USER GUIDE – RAW MATERIALS

	PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
	VITAMINS			
	Pro vitamin B5	*D-panthenol*	Deep penetrating moisturiser that soothes the irritation of dry skin. Adds long-lasting moisture, promotes lustre & body, helps hair look thicker. Repairs fingernails.	C, H, N. Cream 1-5%, Hair care 0.5-2%, Nail care 0.5-2%
	Vitamin E acetate natural	*d-alpha tocopheryl acetate*	Natural. Alpha form. High potency 1100 IU. More bio-active than synthetic vitamin E, 1mg is equivalent in activity to approx. 1.36mg of dl-alpha tocopheryl (synthetic). Most useful in skincare formulations for topical benefits. Cools and soothes the irritation of dry skin, helps prevent & slow signs of ageing. Smoothes wrinkles. Also suitable to prevent rancidity of fats & oils. ^	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Creams 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%, Massage oil 1-5%
	Vitamin E acetate	*dl-alpha tocopheryl acetate*	Synthetic. Alpha form. Most useful in skincare formulations for topical benefits. Cools and soothes the irritation of dry skin, helps prevent & slow signs of ageing. Smoothes wrinkles. Also suitable to prevent rancidity of fats & oils.	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Creams 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%, Massage oil 1-5%
new	Vitamin E mixed tocopherols	*Tocopherol*	Natural. Mixed (alpha, beta, gamma, delta) forms. Most useful for protection of fats and oils from rancidity. Also suitable for topical applications. ^	B, BA, BG, C, CL, E, G, H, M, O, S, SH, SU. Massage oil 0.5-1%, Cream 0.5-5%, Hair care 0.5-1%, Nail care 0.5-2%

	PRODUCT	INCI	DESCRIPTION	FORMULATION GUIDE
	OTHER			
	Pearlescent glitter	*Mica (and) Titanium dioxide*	Add to creams, lotions or body butter, lip balm to leave a subtle sheen on the skin.	BA, BG, BP, BS, C, G, H, O, S,

highly-recommended recommended no classification **FORMULATION GUIDE** (key p4) ^ Consult your organic certifier for approval in organic formulations

USER GUIDE – BASE PRODUCTS

	PRODUCT	a	pf	p	INGREDIENT LIST
	CREAMS				
	Balm certified organic	a			*Sunflower Oil*{Helianthus annuus}, Coconut Oil*{Cocos nucifera}, Beeswax*, Jojoba Oil*{Simmondsia chinensis}, Cocoa Butter*{Theobrama cacao}, Shea Nut Butter*{Butyrospermum parkii}, Evening Primrose Oil*{Oenothera biennis}, D-alpha tocopheryl acetate (natural vitamin E).*
updated	Body Butter paraben-free		pf		*Purified aqua, Almond Oil {Prunus amygdalus dulcis}, Apricot Kernel Oil {Prunus armeniaca}, Cetearyl alcohol, Glycerine, Shea Nut Butter {Butyrospermum parkii}, Camellia Oil {Camellia oleifera}, Ceteareth 20, Propylene glycol (and) diazolidinyl urea (and) iodopropynyl butylcarbamate.*
updated	Body Butter premium			p	*Purified aqua, Glycerine, Almond oil {Prunus amygdalus dulcis}, Cetearyl alcohol, Shea nut butter {Butyrospermum parkii}, Apricot oil {Prunus armeniaca}, Glyceryl stearate, Stearic acid, Macadamia oil {Macadamia integrifolia}, Propylene glycol, Diazolidinyl urea, Methyl paraben, Propyl paraben.*
	Cream – extra-hydrating certified organic	a			*Rose Hydrosol*{Rosa damascena.miller}, Apricot Kernel Oil*{Prunus armeniaca}, Jojoba Oil*{Simmondsia chinensis}, Shea Nut Butter*{Butyrospermum parkii}, Cetearyl Olivate & Sorbitan Olivate, Macadamia Oil*{Macadamia integrifolia}, Beeswax*, Glycerine*, Coconut Oil*{Cocos nucifera}, Guar Gum*{Cyamopsis tetrogonoloba gum}, Parfum (natural), Potassium Sorbate.*
	Cream – hydrating certified organic	a			*Rose Hydrosol*{Rosa damascena.miller}, Apricot Kernel Oil*{Prunus armeniaca}, Jojoba Oil*{Simmondsia chinensis}, Glycerine*, Cetearyl Olivate & Sorbitan Olivate, Shea Nut Butter*{Butyrospermum parkii}, Macadamia Oil*{Macadamia integrifolia}, Beeswax*, Coconut Oil*{Cocos nucifera}, Guar Gum*{Cyamopsis tetrogonoloba gum}, Parfum (natural), Potassium Sorbate.*
updated	Cream paraben-free		pf		*Purified aqua, Almond Oil {Prunus amygdalus dulcis}, Apricot Kernel Oil {Prunus armeniaca}, Cetearyl alcohol, Glycerine, Ceteareth 20, Propylene glycol (and) diazolidinyl urea (and) iodopropynyl butylcarbamate.*
updated	Cream premium			p	*Purified aqua, Isopropyl myristate, Almond oil {Prunus amygdalus dulcis}, Cetearyl alcohol & Ceteareth 20, Glycerine, Glyceryl stearate, Propylene glycol, Carbomer, Diazolidinyl urea, Triethanolamine, Methyl paraben, Propyl paraben.*
	Lotion certified organic	a			*Rose Hydrosol*{Rosa damascena.miller}, Apricot Kernel Oil*{Prunus armeniaca}, Glycerine*, Jojoba Oil*{Simmondsia chinensis}, Cetearyl Olivate & Sorbitan Olivate, Macadamia Oil*{Macadamia integrifolia}, Shea Nut Butter*{Butyrospermum parkii}, Beeswax*, Guar Gum*{Cyamopsis tetrogonoloba gum}, Parfum (natural), Potassium Sorbate.*
updated	Lotion paraben-free		pf		*Purified aqua, Almond Oil {Prunus amygdalus dulcis}, Cetearyl alcohol, Apricot Kernel Oil {Prunus armeniaca}, Glycerine, Ceteareth 20, Propylene glycol (and) diazolidinyl urea (and) iodopropynyl butylcarbamate.*
updated	Lotion premium			p	*Purified aqua, Isopropyl myristate, Almond Oil {Prunus amygdalus dulcis}, Cetearyl alcohol & Ceteareth 20, Glycerine, Glyceryl stearate, Propylene glycol, Diazolidinyl urea, Triethanolamine, Carbomer, Methyl paraben, Propyl paraben.*

a ACO Certified organic pf Paraben-free range p Premium range * Certified Organic ingredient { } Botanical name (use common name or botanical name, or both)

USER GUIDE – BASE PRODUCTS

PRODUCT	a	pf	p	INGREDIENT LIST
GELS				
Aloe vera gel certified organic	a			*Rose Hydrosol*{Rosa damascena.miller}, Guar Gum*{Cyamopsis tetrogonoloba gum}, Aloe Vera Powder 200:1*, Parfum (natural), Potassium Sorbate.*
updated Aloe vera gel paraben-free		pf		*Purified aqua, Triethanolamine, Carbomer, Aloe Vera Powder 200:1, Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate.*
Shower/bath gel		pf		*Purified aqua, Sodium Laureth Sulfate, Cocamido Propyl Betaine, Cocamide DEA, Guar Hydroxypropyltrimonium Chloride, Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate.*
Shower/bath gel sulphate-free		pf		*Purified aqua, Decyl Glucoside, Cocamido Propyl Betaine, PEG-120 Methyl Glucose Dioleate, Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate.*

PRODUCT	a	pf	p	INGREDIENT LIST
HAIRCARE				
Shampoo paraben-free		pf		*Purified aqua, Sodium Laureth Sulfate, Cocamido Propyl Betaine, Cocamide DEA, Guar Hydroxypropyltrimonium Chloride, Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate.*
Shampoo sulphate-free paraben-free		pf		*Purified aqua, Decyl Glucoside, Cocamido Propyl Betaine, PEG-120 Methyl Glucose Dioleate , Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate.*
Nourishing conditioner paraben-free		pf		*Purified aqua, Cetyl Alcohol, Stearyl Alcohol, Stearalkonium Chloride, Guar Gum, Glycerine, Phenoxyethanol, Potassium Sorbate.*
Extra-nourishing conditioner paraben-free		pf		*Purified aqua, Cetyl Alcohol, Stearyl Alcohol, Stearalkonium Chloride, Glycerine, Vitamin B5, Guar Gum, Phenoxyethanol, Potassium Sorbate.*

PRODUCT	a	pf	p	INGREDIENT LIST
SOAPS				
Natural melt & pour soap clear		pf		*Saponified Coconut Oil {Cocos nucifera}, Palm Oil {Elaeis guineensis}, Castor Oil {Ricinus communis}, Safflower Oil {Carthamus tinctorius}, Glycerine, Purified Water, Sorbitol, Sorbitan oleate, Soybean protein.*
Natural melt & pour soap white		pf		*Saponified Coconut Oil {Cocos nucifera}, Palm Oil {Elaeis guineensis}, Castor Oil {Ricinus communis}, Safflower Oil {Carthamus tinctorius}, Glycerine, Purified Water, Sorbitol, Sorbitan oleate, Soybean protein, Titanium Dioxide.*
Natural melt & pour soap goats milk		pf		*Saponified Coconut Oil {Cocos nucifera}, Palm Oil {Elaeis guineensis}, Castor Oil {Ricinus communis}, Safflower Oil {Carthamus tinctorius}, Glycerine, Fresh Goats milk, Purified Water, Sorbitol, Sorbitan oleate, Soybean protein, Titanium Dioxide.*

a ACO Certified organic pf Paraben-free range p Premium range * Certified Organic ingredient { } Botanical name (use common name or botanical name, or both)

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